

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of operating a storage device sensitive to vibrations in an environment with a source of vibrations, characterized in that the method comprises the following ~~steps~~acts:

monitoring the performance of the storage device; and

when the performance of the storage device decreases below a pre-determined level, taking action to reduce the influence of vibrations generated by the source of vibrations, wherein the performance of the storage device includes at least one of sound production, access time of the storage device, data access rate, and data storage rate.

2. (Currently Amended) The method as claimed in claim 1, wherein the performance of the storage device is indicated by ~~service time statistics of the storage device~~ output sound produced as a result of accessing the storage device and wherein the action comprises an

act of reducing a component of the output sound.

3. (Currently Amended) The method as claimed in claim 1, wherein the performance of the storage device is indicated by ~~the~~ an average bit-rate of the storage device.

4. (Currently Amended) The method as claimed in claim 1, wherein the action comprises ~~the~~ step an act of providing a message to a user to reduce the vibrations.

5. (Currently Amended) The method as claimed in claim 1, wherein the source of vibrations is ~~at least one~~ a first loudspeaker, and the ~~at least one~~ first loudspeaker and the storage device are contained in the same housing, wherein the action comprises an act of switching sound reproduction from the first loudspeaker to a second loudspeaker that is remote from the storage device.

6. (Currently Amended) The method as claimed in claim 1, wherein the source of vibrations is a loudspeaker, and the action ~~is reduction of~~ comprises an act of reducing the volume of the sound produced by the loudspeaker.

7. (Previously Presented) The method as claimed in claim 1, wherein when the performance decreases below the pre-determined level and the environmental temperature of the storage device is above a further pre-determined level, no action is taken.

8. (Currently Amended) The method as claimed in claim 5, wherein:

the housing is a consumer electronics apparatus;

the storage device is arranged to record an incoming stream of audio-visual data;

the consumer electronics apparatus is arranged to reproduce the incoming stream of audio-visual data by means of a screen and the loudspeaker; and

wherein the method further comprises ~~the steps~~acts of:

storing the incoming stream of audio-visual data on a disk by the storage device; and

reproducing the stored stream of audio-visual data stored on the disk by means of a screen and the loudspeaker.

9. (Currently Amended) The method as claimed in claim 8, wherein the action to reduce the influence of vibrations generated by the

source of vibrations comprises ~~the step~~an act of advising a user to render the incoming stream of audio-visual data instead of the stored stream of audio-visual data.

10. (Currently Amended) A method as claimed in claim 5, wherein:

the housing is a consumer electronics apparatus arranged to reproduce audio-visual data;

~~the at least one loudspeaker comprises at least one further~~
second loudspeaker is not contained in the consumer electronics apparatus, ~~said at least one further~~the second loudspeaker being connected to the consumer electronics apparatus; and

the action comprises ~~the steps~~acts of:

~~halting~~reducing reproduction of the audio-visual data through the ~~at least one~~first loudspeaker contained in the consumer electronics apparatus; and

starting or increasing reproduction of the audio-visual data through the ~~further~~second loudspeaker.

11. (Currently Amended) The method as claimed in claim 1, wherein:

the source of vibrations is comprised by a first apparatus and the storage device is comprised by a second apparatus;

the first and the second apparatus are connected through a network link; and

the action ~~is~~ comprises an act of controlling the first apparatus by reducing the power of the vibrations caused by the source of vibrations.

12. (Currently Amended) The method as claimed in claim 1, wherein the pre-determined level is replaced by a further lower pre-determined level when the performance of the storage device is below the predetermined level ~~during for~~ a pre-determined period.

13. (Currently Amended) The method as claimed in claim 1, wherein ~~the vibrations are vibrations in a structure comprising the storage device~~ monitoring the performance of the storage device comprises an act of keeping statistics on the performance of the storage device and the action is performed when the statistics drop below the predetermined level.

14. (Currently Amended) The method as claimed in claim ~~13~~, wherein ~~the vibrations are airborne vibrations~~ statistics includes one of average access time of the storage device, median access

time of the storage device, standard deviation of the access time
of the storage device, and average bit-rate of the storage device.

15. (Previously Presented) The method as claimed in claim 1, wherein the storage device is a disk drive.

16. (Currently Amended) The method as claimed in claim 1, wherein the action ~~is~~ comprises an act of halting activities related to the storage device other than storage and retrieval of audio-visual data.

17. (Previously Presented) A circuit for operating a storage device in an environment with a source of vibrations, the circuit comprising a processor, characterized in that the processor is arranged to:

monitor the performance of the storage device; and

when the performance of the storage device decreases below a pre-determined level, take action to reduce the influence of vibrations generated by the source of vibrations, wherein the performance of the storage device includes at least one of sound production, access time of the storage device, data access rate,

and data storage rate.

18. (Previously Presented) A consumer electronics apparatus comprising:

means for receiving a stream of audio-visual data;

a storage device for storing the stream of audio-visual data on a disk;

a source of vibrations; and

the circuit as claimed in claim 17 for operating the storage device.

19. (Previously Presented) The consumer electronics apparatus as claimed in claim 18, wherein the source of vibrations is a disk drive arranged to spin a disk in operation.

20. (Previously Presented) The consumer electronics apparatus as claimed in claim 18, wherein the source of vibrations is a loudspeaker.